Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Friday 01 Jan 2021 until 23:59 on Saturday 02 Jan 2021

Forecast Issued on Friday 01 Jan 2021 at 02:05

Confidence: High confidence for a settled but cold period of weather over the next few days as high pressure builds over northern UK. Lower confidence of likelihood of any showers,

Headline for Friday 01 Jan 2021: Mainly dry with some brighter spells and a fresh northerly wind.

Mountain weather hazards on Friday 01 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny	Clear night	Clear night
Precipitation probability					
30%	20%	10%	<05%	<05%	10%

Forecast for Friday 01 Jan 2021

Weather: Some low cloud to start the day with the chance of the odd spot of rain. Cloud will gradually lift and break during the morning to leave a dry day with bright or sunny intervals developing. Cloud continuing to break leaving a mainly clear evening with a frost developing.

Chance of cloud free mountain/hill tops above 800m: In the morning 60% with scattered cloud around 600m shrouding the tops at times. Most cloud lifting and clearing the summits by the afternoon with good views likely.

Visibility: Mainly very good visibility throughout the day.

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Mountain Weather Forecast

Forecast for Friday 01 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	31/36 N	31/36 N	26/31 N	23/28 N	21/25 N	18/22 N	15/18 N
600	18/23 N	18/25 N	15/21 N	14/21 N	14/21 N	13/18 N	10/14 N
300	6/19 N	6/21 N	7/19 N	7/18 N	5/16 N	5/14 N	5/12 N
Valley	11/27 N	10/26 N	11/24 N	11/24 N	9/20 N	7/16 N	6/12 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-11	-2/-11	-3/-11	-3/-10	-3/-10	-4/-10	-4/-10
600	-1/-8	-2/-8	-1/-8	-1/-7	-2/-8	-2/-8	-3/-8
300	0/-3	0/-3	1/-2	1/-3	-0/-4	-1/-4	-2/-4
Valley	2/-2	2/-2	3/-1	3/-1	2/-2	1/-2	1/-2
Freezing Level*	400m	400m	400m	500m	300m	300m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Northerly winds easing during the day. Freezing level falling to near surface by the end of the day so feeling very cold.

Forecast for Saturday 02 Jan 2021

Weather: A dry and bright day with good spells of sunshine, perhaps the odd wintry showers in the east.

Maximum wind: Northerly 10-15mph.

Chance of cloud free mountain/hill tops above 800m: 90% chance of cloud free tops

Visibility: Very good in general.

Temperature: **Valleys:** Minus 3 rising to plus 1 Celsius.
At 800m: Minus 3 Celsius
Freezing level: Around 200m.

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Wednesday 31 December 2020. Location: Hallsfell Top (Blencathra) at 12:05
Full report: A beautiful day in the fells with inversion conditions blanketing large areas of the region under low cloud and only the higher tops peeking through for most of the day. A dusting of new snow fell overnight down to low levels and terrain remains widely frozen from valley level upwards. Compacted snow on the paths and ice at all levels present real hazards, especially around drainage lines and stream crossings. The snow level remains at roughly 300m and increases a little with height to roughly boot-deep in areas where it hasn't been disturbed by the wind. Knee-deep drifts are not uncommon. High ground exposed to the wind tends to be relatively well scoured, although almost no bare ground is visible across the Blencathra tops. Some south-facing slopes have been affected by the sun in the last few days and have thinner and more patchy snow cover. Sharp edge is in full winter condition and great care is required on this, and any similar exposed routes from which a fall could be very serious and potentially fatal. Small cornices have formed on many different aspects, typically around corrie rims and along ridge flanks. These are comprised of soft unstable snow and should be given a wide berth. Some small upland tarns have frozen over and with snow on the top of the ice, they can be quite difficult to see and present an additional hazard. Temperature: minus 2.0 C, Maximum wind speed 13.8 mph, Wind chill: minus 9.4 C, Average wind speed: 12.0 mph

Issued at: 02:05 on Fri 01 Jan 2021

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